

**Aim:**

Write a program to check whether the given two strings are `equal` or not without using string library functions.

At the time of execution, the program should print the message on the console as:

string1 :

For example, if the user gives the **input** as:

string1 : Kaveri

Next, the program should print the message on the console as:

string2 :

For example, if the user gives the **input** as:

string2 : Kaveri

then the program should **print** the result as:

equal

In the same way if the input is given as "**Kaveri**" and "**kaveri**", then the result will be "**not equal**".

**Note:** Do use the **printf()** function with a **newline** character (`\n`) at the end.

**Source Code:**

Program606.c

```
#include<stdio.h>
#include<string.h>
int main()
{
    char Str1[100],Str2[100];
    int result=0,i;

    printf("string1 : ");
    scanf("%s",Str1);

    printf("string2 : ");
    scanf("%s",Str2);
    while(Str1[i] != '\0' && Str2[i] != '\0')
    {
        if(Str1[i] != Str2[i])
        {
            result=1;
            break;
        }
        i++;
    }
    if(result==0)
        printf("equal\n");
```

```
else
printf("not equal\n");
return 0;
}
```

### Execution Results - All test cases have succeeded!

Test Case - 1
User Output
string1 : Kaveri
string2 : Kaveri
equal

Test Case - 2
User Output
string1 : ganga
string2 : gangga
not equal